ABSTRACT OF THE DISCLOSURE

A sand-belt finishing machine includes a main frame, at least one grinding device, a conveyor platform mounted between the grinding device and the main frame, and a lift device mounted between the conveyor platform and the main frame for adjusting the position of the conveyor platform. The lift device includes a propeller shaft, a shaft, a support plate, a driving rod, and a slide rod. Thus, the distance between the grinding devices and the conveyor platform can be adjusted arbitrarily by the lift device, so that the grinding devices can be used to grind workpieces of different thickness.